

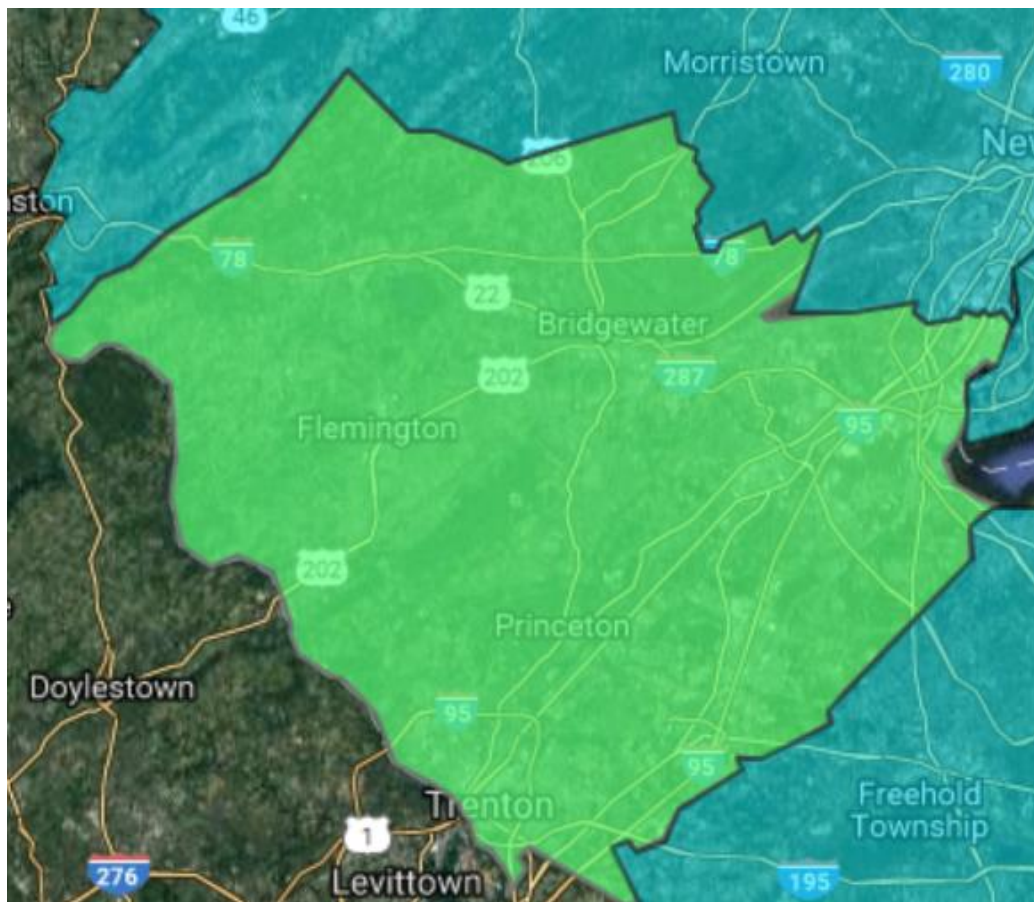


IEEE

Region **R1**



Princeton / Central Jersey Section



2,122 Members
18 Chapters/Affinity Groups
3 Student Chapters

PCJS Membership

IEEE OU Analytics

Members and Affiliates - Dashboard

This dashboard provides interactive views for members, society affiliates, and participants by region, geographic council, section and subsection.

- Refine data through filters or click within a visualization to view results and details.
- Hover over a visualization to display a tooltip with statistical facts.

Region
All

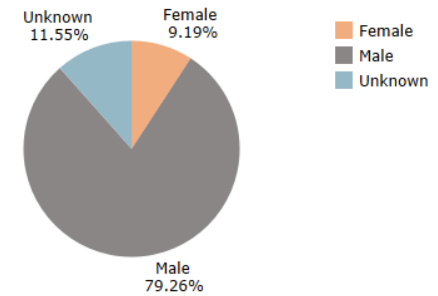
Grade
All

IEEE Status
Active

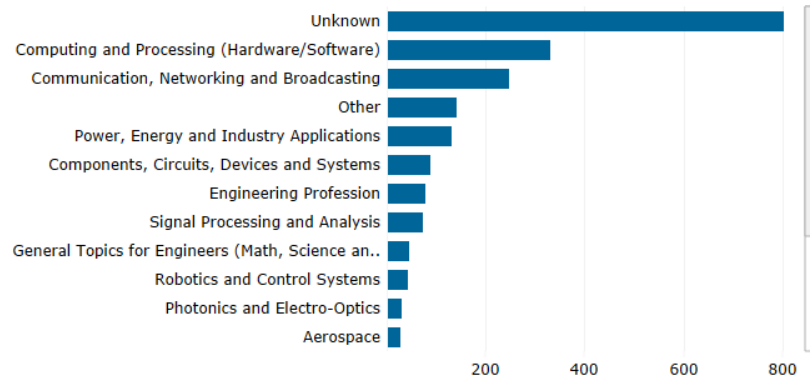
Count by Region and Grade

Region	Council	Section	Grade Category	Grade	Total
R1	Metro Sec. Act. Council	Princeton/Central Jersey Section	IEEE Grades	Associate Member	65
				Fellow	54
				Graduate Student Member	131
				Honorary Member	1
				Life Fellow	42
				Life Member	222
				Life Senior	62
				Member	1,172
				Senior Member	193
				Student Member	129
			Other Grades	Affiliate	48
				Individual	1
				SA Member	2
				Total	2,122

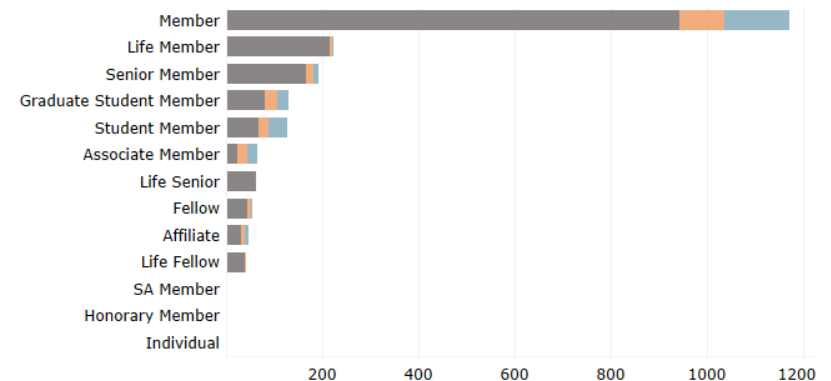
Count by Gender



Count by Technology Focus Area



Count by Grade and Gender



IEEE PCJS Achievements Past Year

- ▶ **Sarnoff Symposium Conference**– 12 keynote speakers from Communications Industry and University – Broke even financially - Thank you Deepak Kataria - September 2017.
- ▶ **Joint Awards & Holiday Dinner with the New Jersey Coast Section** – We were able to cut costs and allow our R1 leaders to attend one meeting for two sections. Nice working with Irfan Lateef and Ajit Reddy - December 2017

Photos from the past year



IEEE PCJS Election

- ▶ **Change of Leadership** following Fall Election to:
- ▶ David Soll – Past Chair (Thank you David for 8 years on the ExCom!)
- ▶ Fran O’Connell – Chair
- ▶ Nagi Naganathan – Vice Chair
- ▶ Deepak Kataria – Treasurer
- ▶ Roger Ding – Secretary

2-year terms started Jan 1, 2018.

IEEE PCJS Shout Outs

- ▶ **Strong Chapters** – The Computer Society (C16) continues to have over 10 meetings per year. They coordinate with the Princeton ACM. Thank you Rebecca Mercuri and Ed Levinson for leading this Chapter.
- ▶ **Newest Affinity** - Joe Jesson became the chair of the Life Members group. Joe has organized multiple meetings in 2017 and two to date in 2018. He has brought in Apollo engineers and astronauts to talk about engineering. His meetings are packed!



Rebecca on left



IEEE PCJS Shout Out (cont'd)

- ▶ **History Committee** – Alex Magoun leads our History Committee. He has setup a space at The College of New Jersey to collect much of the historical discoveries from our section.
- ▶ **TCF 2018** – Al Katz and volunteers continue to put on an engaging conference/workshop for the section. This year was well attended.



IEEE PCJS Shout Out (cont'd)

- ▶ **ISEC 2018** – Our Education Society puts on an Integrated STEM in Education Conference yearly. We had to limit registrations to 150 due to space. We will look for another venue in Princeton University to hold this successful conference. Susan Donohue, Ashutosh Dutta, Nagi Naganathan, Roger Ding and Vignesh Subbian lead this conference.
- ▶ **ITPC 2018** – A last minute surge in registrations was a happy event for this IT Professional Conference. David Soll (past chair of section) has been leading this conference for over 8 years.

IEEE PCJS Shout Out (cont'd)

- ▶ **Joint Awards dinner with the New Jersey Coast Section** – We had a great event with the Coast section in early June 2018. We acknowledged our Section Award winners. We had a lively talk by Tony Triolo about the use and advantage of vacuum tubes in audio loudspeakers and amplifiers.
- ▶ **Women in Engineering** – WIE Chair Forough Ghahramani has been active in our section. She has planned and attended many NJ state level and international meetings bringing women together.



Concerns for IEEE PCJS

- ▶ Some chapters are leaderless. There are many with only one chair and no vice chair.
- ▶ Having meaningful meetings is tough without the leadership.
- ▶ Section suffered a financial loss in 2015 and is still recovering. We have been coming back from that and are doing better financially.
- ▶ DeVry University shut down its Engineering school. Many IEEE PCJS students were attending that school. We may see an impact in student membership.

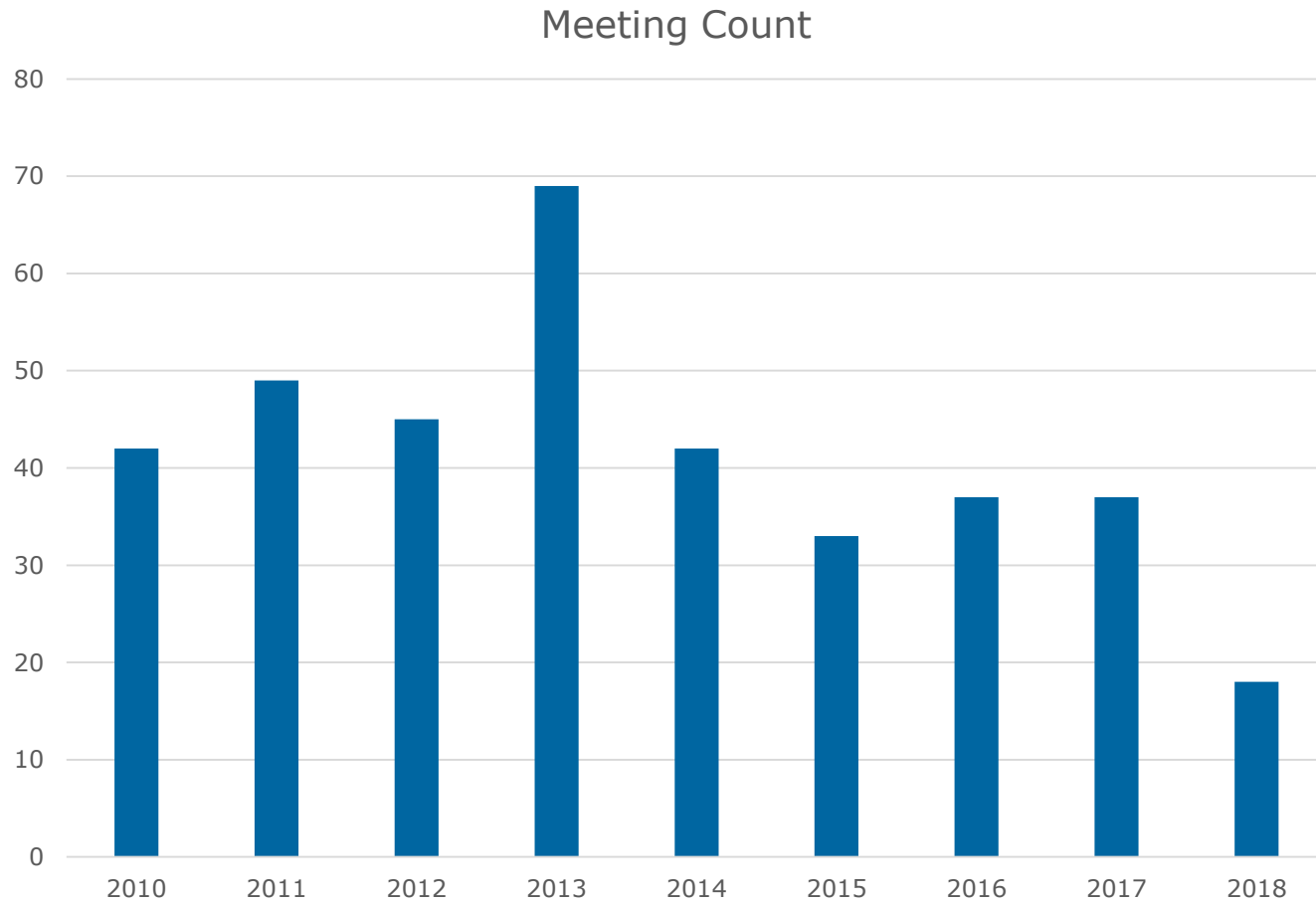
Action Steps for IEEE PCJS

- ▶ Contact the present chapter/affinity leaders and identify members who would like to rise to leadership positions
- ▶ Encourage our present leaders to take IEEE on-line training in leadership training
- ▶ Contact the section at large to encourage disengaged members to try attending one meeting coming up and potentially to get involved.
- ▶ Ask R1 for ideas!

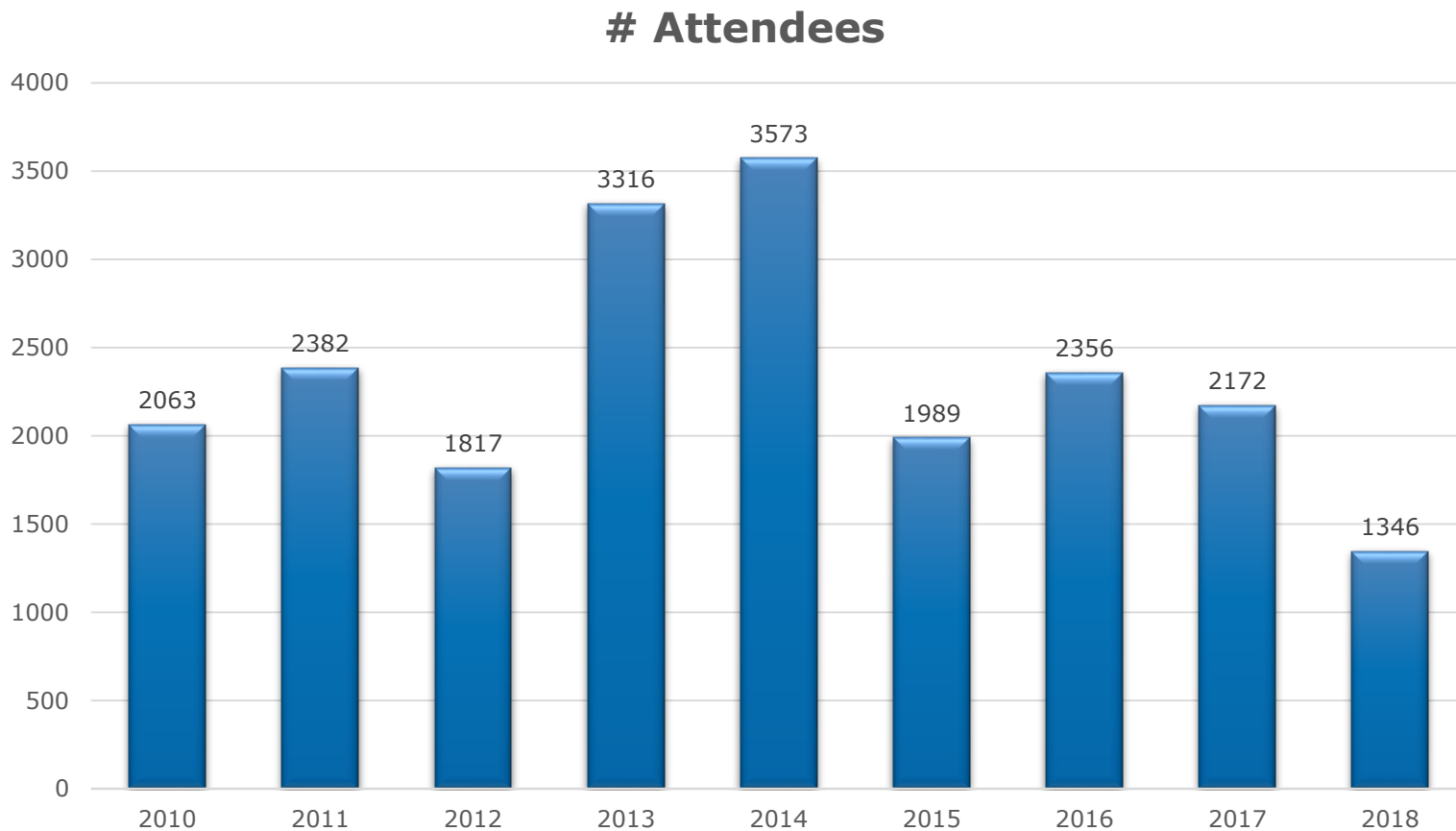
Action Steps for IEEE PCJS (cont'd)

- ▶ Contact members to encourage Senior Membership applications
- ▶ Have 2 more ExCom meetings by December 2018 to keep the momentum building.
- ▶ Continue to keep better track of financials, especially for conferences.
- ▶ Re-engage with Universities in the section. There is a strong connection to The College of New Jersey, but flimsy connection to Princeton and Rutgers.

Meetings



Meeting Attendance



Conferences

- ▶ ISEC – Integrated STEM Education Conference
– March 10, 2018
- ▶ ITPC – Information Technology Professional Conference
– March 16, 2018
- ▶ TCF – Trenton Computer Festival
– March 17, 2018
- ▶ Sarnoff Symposium
– Scheduled for September 24-25, 2018

Other Activities

- ▶ Sponsoring High School IEEE STEM Clubs
 - Bridgewater Raritan High School
 - Montgomery High School
 - Hillsborough High School
 - Noor-UI-Iman High School

Summary

- ▶ I am grateful for all our members have done to make this a vibrant section
- ▶ We have a strong section. However, we do need to engage more of our membership and to provide opportunities to get them involved.
- ▶ Our leadership is in it for the long haul:
 - Fran O’Connell, IEEE PCJS Chair
 - Francis.x.oconnell@ieee.org
 - 609-213-0705